

2007 FACT SHEET

FERMILAB SUMMER INTERNSHIPS IN SCIENCE AND TECHNOLOGY

Fermilab selects approximately fifteen college students to participate in the Summer Internships in Science and Technology (SIST) program each year to help us develop a richer understanding of the fundamental properties of matter. This internship program has been developed to familiarize select college students with opportunities at the frontier of scientific research and to provide experiences that support their choice of science as a career. The students we target are U.S. citizens and foreign nationals with majors and interests in Physics, Electrical Engineering, Mechanical Engineering and the Computer Sciences.

Candidates for the 2007 summer program are nominated by local faculty during the winter of 2006/07. The SIST Committee, consisting of Fermilab scientists and engineers, selects the best candidates from the pool of applicants. The intern will join a Fermilab staff member in some scientific, engineering or computer work to carry out experiments, to improve the operation of the particle accelerator or to support and develop specialized research. We try to assign the interns to projects appropriate to their interests and academic levels.

The twelve-week program consists of a work assignment, an academic lecture series, and a final report that the intern presents orally to the Fermilab staff and submits to the Laboratory in writing. Reports from previous years are available at our web site. There are no grades or quizzes. The SIST Committee will follow the intern's progress to help ensure his/her maximum benefit from the program. The 2007 program will run from May 21 through August 10, 2007.

For a student to be considered for this program, s/he must submit: the Intern Data Form including the essay, two or more faculty assessments, a recent academic transcript and a professional resume. The deadline for application to this year's program is February 16, 2007. Applicants will be informed of their application status by email on March 7, 2007.

More information can be found at our web site, <http://sist.fnal.gov>.

Fermilab SIST Program Details

STIPEND:

An intern in the SIST program receives a salary for the work done, based on a 40-hour workweek and the course hours that have completed by the summer of 2007.

<i>Course hours completed</i>		<i>Implied Class Level</i>	<i>Weekly Salary</i>
<i>By Semester</i>	<i>By Quarter</i>		
10-29	15-44	Freshman	\$554
30-59	45-89	Sophomore	\$588
60-89	90-124	Junior	\$620
90+	125+	Senior	\$654

Standard US taxes will be withheld from the pay, as is customary with all Fermilab employees.

Summer interns receive no paid sick leave, no vacation, have no medical insurance and must take Memorial Day and July 4 as unpaid holidays. Any overtime or shift premium is arranged through the division where the intern is assigned. Interns will receive their first paycheck after about two weeks of work, so they must bring enough money to pay for their expenses during that period.

BENEFITS:

- Housing arranged by the Laboratory and partially subsidized by the program.
- Paid airfare and/or ground transportation to and from the Laboratory.
- Shared cars for use between local housing and the Laboratory.

EXPECTATIONS:

- To adhere to the job duties and to observe the required time and attendance standards, as defined by your supervisor.
- To attend program activities, including the final presentations.
- To attend the weekly physics and engineering lecture series.
- To prepare and present oral and written reports at the end of the session. (The reports will be published on the web and distributed to the interns' home institutions.)
- To conduct yourself in a responsible and professional manner.

IMPORTANT DATES:

Program Dates	May 21 through August 10, 2007
Travel Days	May 21 and August 10, 2007
Unpaid Holidays	May 28 and July 4, 2007

FOR MORE INFORMATION:

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On the Web: <http://sist.fnal.gov>